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1-22-02

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/944,944

DATE: 12/10/2001

TIME: 15:40:44

Input Set : N:\paola\09944944.txt

Output Set: N:\CRF3\12102001\I944944.raw

163)

ENT. RED

3 <110> APPLICANT: Baker, Kevin
4 Botstein, David
5 Eaton, Dan
6 Ferrara, Napoleone
7 Filvaroff, Ellen
8 Gerritsen, Mary
9 Goddard, Audrey
10 Godowski, Paul
11 Grimaldi, Christopher
12 Gurney, Austin
13 Hillan, Kenneth
14 Kljavin, Ivar
15 Napier, Mary
16 Roy, Margaret
17 Tumas, Daniel
18 Wood, William
20 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
21 ACIDS ENCODING THE SAME
23 <130> FILE REFERENCE: P2548P1C1
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33 <150> PRIOR APPLICATION NUMBER: 60/069335
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45 <150> PRIOR APPLICATION NUMBER: 60/069,694
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48 <150> PRIOR APPLICATION NUMBER: 60/069,702
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51 <150> PRIOR APPLICATION NUMBER: 60/069,870
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57 <150> PRIOR APPLICATION NUMBER: 60/068,017
W--> 58 <151> PRIOR FILING DATE: December 18, 1997
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W--> 61 <151> PRIOR FILING DATE: January 5, 1998
63 <150> PRIOR APPLICATION NUMBER: 60/074,086
W--> 64 <151> PRIOR FILING DATE: February 9, 1998

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142 <212> TYPE: DNA
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150 ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
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160 gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
162 tccaacaaga gagccaagaa gccatttttt tccatttgat ctgtttccaa 450
164 tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
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226 gagctgggtt ggggctatag catatgcttt ttttttttta attattacct 2050
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230 cgcattttta tgatccgcta ttataagctt ttaatagcat gaaaattgtt 2150
232 aggctatata acattgccac ttcaactcta aggaatattt ttgagatata 2200

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234 cctttggaag accttgcttg gaagagcctg gacactaaca attctacacc 2250
236 aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacatc 2300
238 tagtataact gaataagcag agcatcaaat taaacagaca gaaaccgaaa 2350
240 gctctatata aatgctcaga gttctttatg tatttcttat tggcattcaa 2400
242 catatgtaaa atcagaaaac agggaaattt tcattaaanaa tattggtttg 2450
244 aaat 2454
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253 1 5 10 15
255 Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
256 20 25 30
258 Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp
259 35 40 45
261 Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
262 50 55 60
264 Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
265 65 70 75
267 Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
268 80 85 90
270 Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
271 95 100 105
273 Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
274 110 115 120
276 Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
277 125 130 135
279 Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
280 140 145 150
282 Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
283 155 160 165
285 Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
286 170 175 180
288 Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
289 185 190 195
291 Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
292 200 205 210
294 Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
295 215 220 225
297 Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
298 230 235 240
300 Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
301 245 250 255
303 Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
304 260 265 270
306 Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
307 275 280 285

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310                               290                               295                               300
312 Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
313                               305                               310                               315
315 Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
316                               320                               325                               330
318 Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
319                               335                               340                               345
321 Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
322                               350                               355                               360
324 Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
325                               365                               370                               375
327 Asn Phe Gly Met
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331 <211> LENGTH: 20
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
338 <400> SEQUENCE: 3
339 ggaaatgagt gcaaaccctc 20
341 <210> SEQ ID NO: 4
342 <211> LENGTH: 24
343 <212> TYPE: DNA
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
347 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
349 <400> SEQUENCE: 4
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360 <400> SEQUENCE: 5
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364 <211> LENGTH: 3441
365 <212> TYPE: DNA
366 <213> ORGANISM: Homo Sapien
368 <400> SEQUENCE: 6
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373 cctccctccc tccctcccag ctgtcccgtt cgcgtcatgc cgagcctccc 150
375 ggccccgcgc gccccgcgtg tgcctcctcg gctgctgctg ctccggctccc 200
377 ggccggcccc cggcgcgggc ccagagcccc ccgtgctgcc catccgttct 250
379 gagaaggagc cgtgcccgtg tcggggagcg gcaggctgca ccttcggcgg 300
381 gaaggtctat gccttggacg agacgtggca cccggaccta gggcagccat 350

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/944,944

DATE: 12/10/2001

TIME: 15:40:45

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Output Set: N:\CRF3\12102001\I944944.raw

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